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Tr No 55, OT/1034.

Scientific - Min/Metals, Chemistry Dec 54 CTS
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Interation of Leaves and Roots of Perennial Plants, by S. M. Ivanov, 5 pp.

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SLA Tr R-1286
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Early Stages in the Development of Halicryptus Spinulosus, by L. Zhinkin, G. Kuzsakova.
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NLL Ref: 3630.48 (IEC-149)

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Diffraction of X-Rays in Bent Crystals. Kinematic theory for the Case of ~~Reflection~~ Transmission, by V. D. Borovskiy, P. A. Demirgan, 5 pp

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NRP Tr 68

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An Optical Method for the Study of the Silicon-Organic Hydrocarbons, by Yu. P. Yegorov, P. A. Bazhulin

4 pp

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NSF Tr 69

Scientific - Chemistry

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On the Theory of The Compound Etalon (Multiplex),
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NSF Tr 49

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Line-Width of Rayleigh Scattering in Gases, by
I. I. Sobel'man, 5 pp

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NSF Tr 34

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(FDD 25855)

Phase Fluctuations of Ultrasonic Waves During Their Propagation in Surface Air, by V. A. Krasil'nikov, 8 pp.

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AEC Sc T-67-0912 CIA/FDD/U-7536

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CTS Nov 55

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Scientific - Astronomy CIA 2501262

La Plata 29/1319

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Effect of Plastic Deformation on Subsequent Decomposition of Aluminum Alloys, by N. N. Buynov, L. I. Podrezov, *et al.*

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NSP Tr 41

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X-Ray Analysis of the Initial Stages of Aging of Beryllium Bronze, by A. M. Yelistratov, S. D. Finkelshteyn, T. Yu. Gol'dshteyn, 5 pp

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NSP Tr 63

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On the Resolving Power of an Electron Objective of the Immersion Type, by C. V. Spivak, Ye. M. Dubinina, 3 pp.

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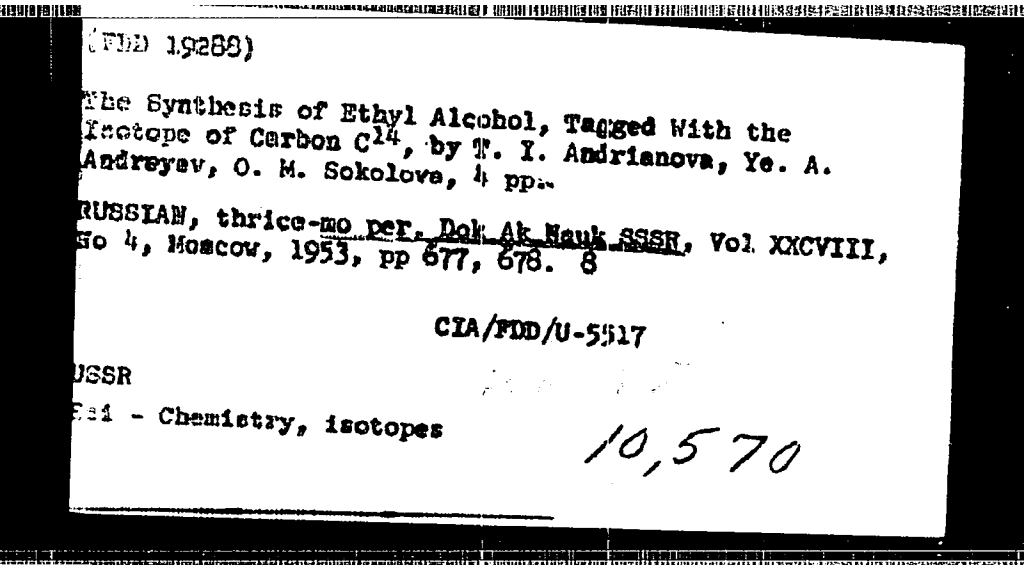

(FDD 19288)

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030028-1

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Gelman, N.E, and Korshun, M. O.
NOUVELLE MÉTHODE DE MICRODOSAGE SIMULTANÉ DU FLUOR, DE L'HYDROGÈNE ET DU CARBONE DANS LES COMPOSÉS ORGANIQUES (A New Method for the Simultaneous Micro-Determination of Fluorine-Hydrogen and Carbon in Organic Compounds). 5p. 4refs. CNRS-VIII bis 177.
Order from OTS, ETC or CNRS $1.10 TT-62-26651

Trans. in French of Akademiya Nauk SSSR. Doklady, 1953, v. 8, no. 4, p. 685-687.
Another trans. is available in English from ATS as RJ-138.

DESCRIPTORS: Organic compounds, *Microanalysis, *Hydrogen, *Carbon, *Fluorine, Magnesium compounds, Oxides, Absorption.

(Chemistry--Analytical, TT, v. 11, no. 11)

TT-62-26651

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III. CNRS-VIII bis 177
IV. Centre National de la Recherche Scientifique, Paris
V. ATS-RJ-138

Office of Technical Services
European Translations Centre

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The Forms of Silica in Liquid Slag, by O. A. Esin, L. K. Gavrilov, B. M. Lepinskikh,

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On the Transformation of Protochlorophyll to Chlorophyll in Etiolated Corn Leaves by Infiltration With an Extract of Spruce Seedlings, by T. N. Godnev, M. V. Terent'eva, 5 pp.

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NSF Tr 56

Scientific - Physics

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Equations of Motion and Field Equations in the Five-Dimensional Unitary Theory of Relativity, by R. S. Ingarden, 5 pp.

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NSF Tr 26

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A Study of Electron Emission During the Stripping of a Layer of a High Polymer from Glass in a Vacuum, by V. V. Karasev, N. A. Kl Krotova, B. V. Deryagin

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Analysis of Excited Nuclear Levels by Means of a Shell Model, by L. K. Peker, L. A. Sliv, A. V. Zolotavin

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Domain Structure of Lead Titanate, by Ye. G. Fesenko,
1p.

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NSF Tr 64

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A Study of Isochromatic Lines in Transparent Models Under Finite Plastic Deformation, by S. I. Gubkin, S. I. Dobrovolsky 5 pp

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Acc Nbr AF 53/2756

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X-Ray Analysis of the Aging of Aluminum-Zinc Alloys, by A. M. Yelistratov, 5 pp.

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Topchiev, A.V., Paushkin, Ya.M., and Kurashev, M.V. ALKYLATION OF BENZENE WITH PROPYLENE IN THE PRESENCE OF POLYISOPROPYL BENZENE AND ALUMINIUM CHLORIDE. 8 p. 5 refs. MTWL: 630. Order from OTS or ETC $1.55 61-17232

Trans. of Akademiya Nauk SSSR. Doklady, 1953, v. 88, no. 5, p. 849-852.

DESCRIPTORS: *Benzenes, *Propenes, Cermenes, Chemical equilibrium.

61-17232

I. Topchiev, A.V.
II. Paushkin, Ya.M.
III. Kurashev, M.V.
IV. MTWL-630
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Sci Mus Lib No 54/1451

SLA 59-10644

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Effect of Oxygen Absorbed at High Temperature Upon the Electrochemical Behavior of Platinum, by T. V. Kalish, R. Kh. Burshteyn, 7 pp.
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TT-64-20179

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Dark Fixation and Liberation of Carbon Dioxide Entering Plants Through the Roots, by A. L. Kursanov, N. N. Kryukova, M. I. Pushkareva, 5 pp.

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SLA Tr R-1287

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On the Hyperfine Structure of the Green Line of Mercury, by F. A. Korolev, 2 pp.

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Scientific - Chemistry Jul 53 CTS/DEX

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The Path of the Deformation Process as a Basic Characteristic of the Deformed State of a Plastic Body, by S. I. Gubkin, Ye. S. Bogdanov, 4 pp.

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NSF Tr 125

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G. D. Polosatkin,

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No 6, 1953, pp 971-973.

NSF Tr 42

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by R. S. Galanina.
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SLA TT 64-20416

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POLYMERIZATION OF VINYL COMPOUNDS BY MEANS OF METALORGANIC COMPOUNDS. I. POLYMERIZATION OF VINYLACETATE (Polimerizatsiya Vinil'nykh Soedinenii Posredstvom Metalloorganicheskikh Soedinenii. I. Polimerizatsiya Vinilatsetata).
[1961] 6p. (foreign text included) 7p.
Order from OTS or SLA $1.10 62-10568

Trans. of [Akademiya Nauk SSSR. Doklady] 1953, v. 88, no. 6, p. 991-993.

DESCRIPTORS: *Metalorganic compounds, *Vinyl radicals, *Acetates, Polymerization.

(Chemistry--Organic, TT, v. 7, no. 9)

62-10568

I. Koton, M. M.
II. Title: Polymerization . . .

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Pel'kis, P. S.
THE TAUTOMERISM OF 1,5-DIPHENYLTHIOCARBAZONE (DITHIZONE). 12 July 62 [8]p. 16 refs.
Order from OTS or SLA $1.10 62-18970

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1958, v. 88 [no. 6] p. 999-1002.

DESCRIPTORS: Reagents, *Dithizone, Ketones, Thiols, *Molecular isomerism, Spectrographic analysis, Absorption spectra

(Chemistry--Organic, TT, v. 9, no. 11)

62-18970

1. Title Tautomerism
I. Pel'kis, P. S.

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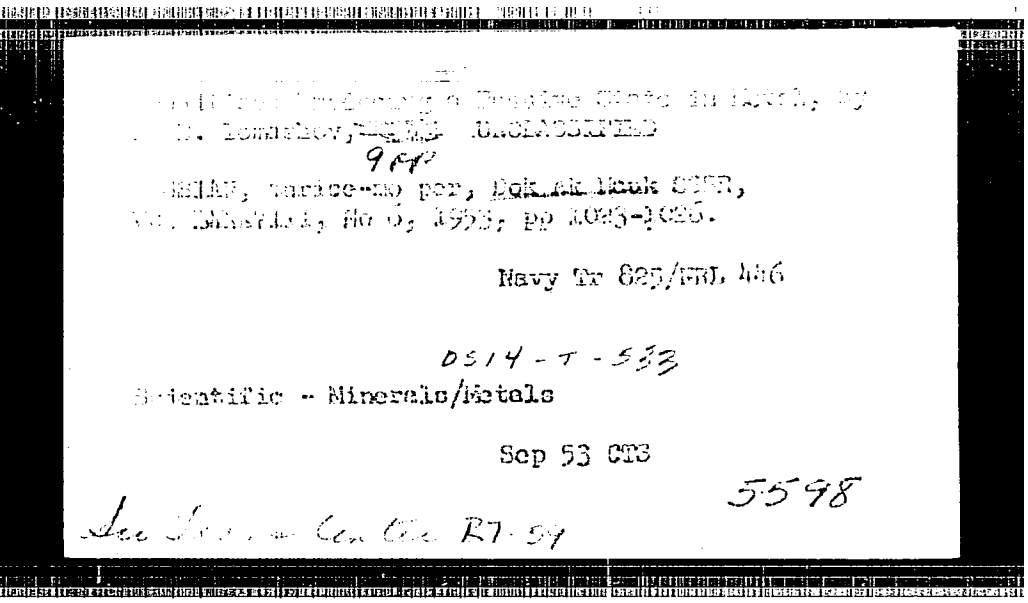

[illegible] Uniformity of Tungsten Ores in Depth, by
[illegible] D. Tomashev, [illegible] U.S.S.R.
9 p

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Vol. [illegible], No 3, 1953, pp 1025-1026.

Navy Tr 825/NRL 446

0514-T-533

Scientific - Minerals/Metals

Sep 53 CIA

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See Sov. Sec. Ca. Ctr. R7-54

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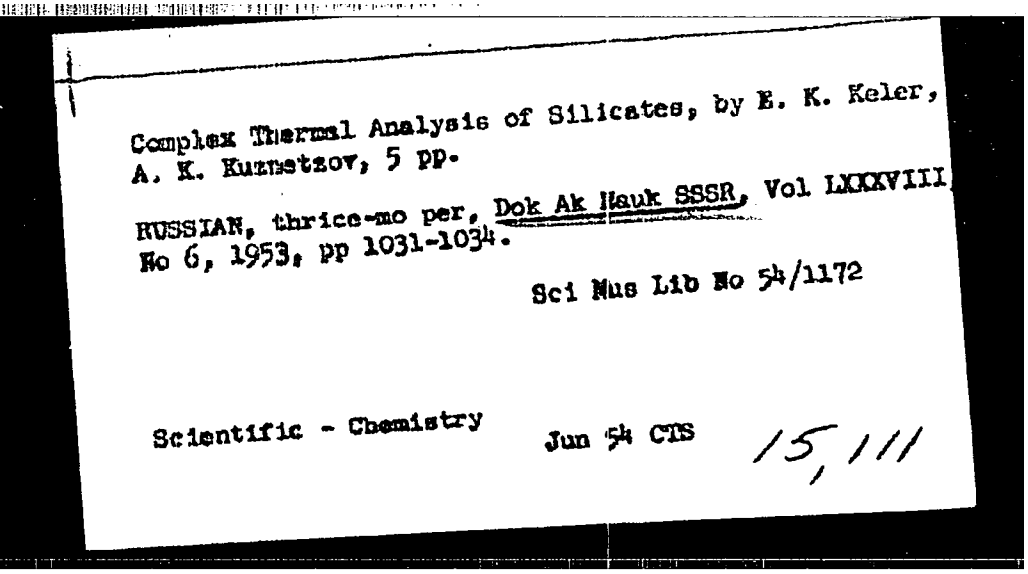

Complex Thermal Analysis of Silicates, by E. K. Keler, A. K. Kuznetzov, 5 pp.

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Experimental Investigation and Design of "Wave-Canal" Antennas, by D. M. Vysokovskiy, 4 pp.

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Natl Sci Foundation Tr 13

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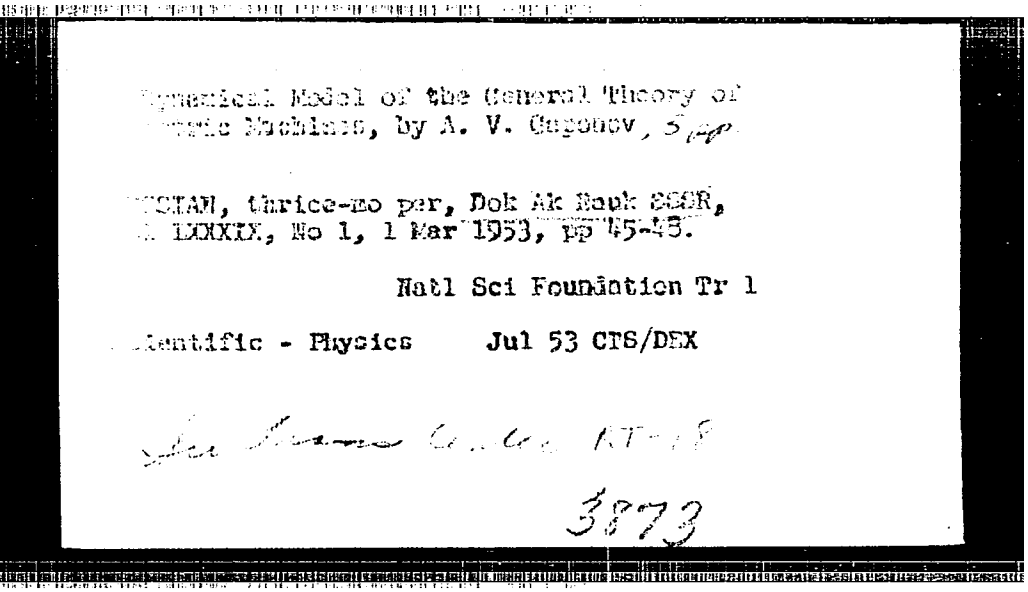

Mechanical Model of the General Theory of
Gravitic Mechanics, by A. V. Gaponov, 5 pp

DOKLADY AKADEMII NAUK SSSR, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXXIX, No 1, 1 Mar 1953, pp 45-45.

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See Trans Cat. No. RT-18

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030028-1

[illegible] Proceedings of the Conference on Atomic Interaction in Metals and Alloys, by I. Ya. Dekhtyar, 5 pp.

[illegible], Vol [illegible], No 1, 1 Mar 1953, pp 49-52.

NSF Tr 25

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An Estimate of Displacements and Deformations of Underground Gas Conduits Due to Temperature, by K. S. Zarembo, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIX, No 1, 1953, pp 53-56.

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On Some Identically Distributed Statistics, by
Y. V. Linnik, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIX,
No 1, 1953, p 9. CIA 9003417

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Nucleon Isobars as Intermediate States in Beta-Decay, by Ya. B. Zel'dovich, 5 pp

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Natl Sci Foundation tr 14

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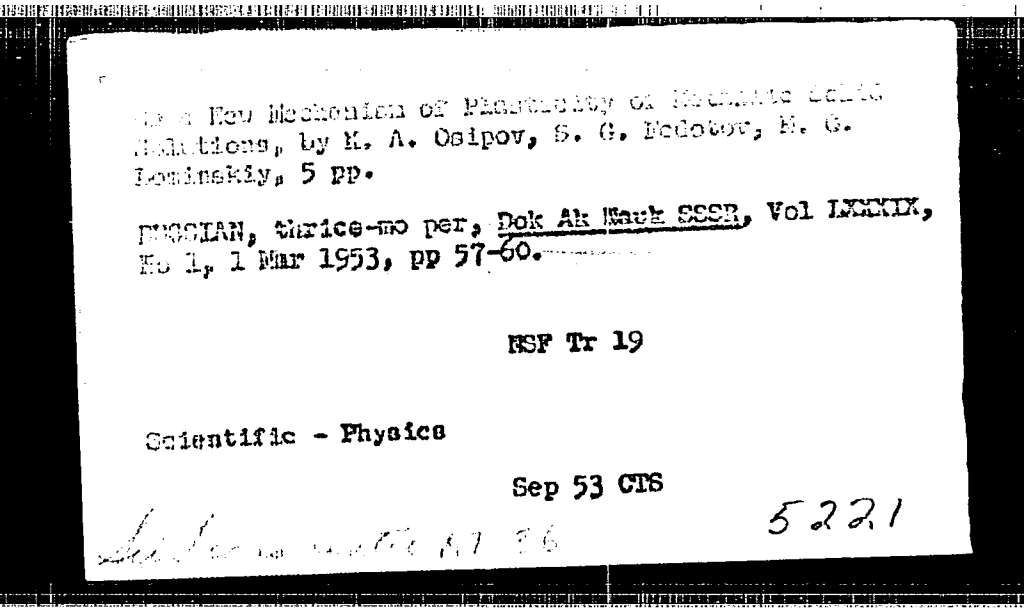

"On a New Mechanism of Phagocytosis of Insoluble Cells Solutions," by K. A. Osipov, S. G. Nedotov, N. G. Leonenskiy, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIX, No 1, 1 Mar 1953, pp 57-60.

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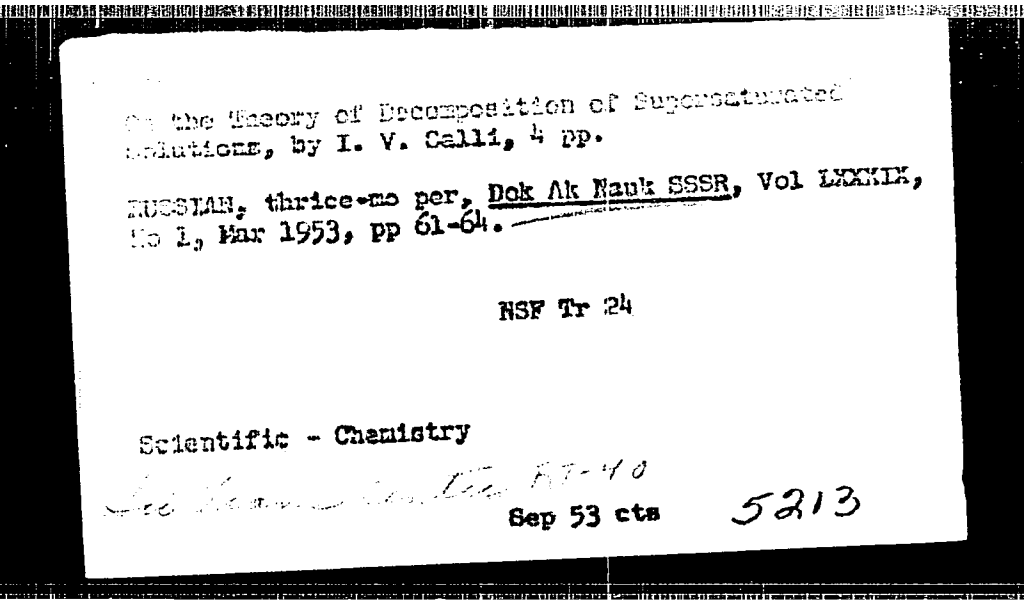

On the Theory of Decomposition of Supersaturated Solutions, by I. V. Calli, 4 pp.

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Wood Anatomy and Wood Technology, by V. Vikhrov, V. Moskaleva, 28 pp.

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SLA Tr R-830

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Plate, A. F. and Tarasova, L. V.
ISOMERIZATION OF CYCLOHEXANE TO METHYL-CYCLOPENTANE IN THE PRESENCE OF ALUMINUM CHLORIDE UNDER HYDROGEN PRESSURE. [1962] 5p.
Order from ATS $7.25 ATS-24P66R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1953, v. 89, no. 1, p. 77-80.

DESCRIPTORS: *Cyclopentanes, *Pentanes, *Methyl radicals, *Cyclohexanes, *Hexanes, *Aluminum compounds, *Chlorides, Hydrogen, Pressure, Isomerization

(Chemistry--Physical, TT, v. 9, no. 11)

63-12606

I. Plate, A. F.
II. Tarasova, L. V.
III. ATS-24P66R
IV. Associated Technical Services, Inc., East Orange, N. J.

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Phase Diagram of the Ternary System $BaO-Al_2O_3-SiO_2$, by N. A. Toropov.

RUSSIAN, thrice-mo per. Dok Ak Nauk SSSR, Vol. LXXXIX, No 1, 1953, pp 89-92.

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Capillary Condensation of Vapours and Structure of the Pores in Active Carbon, by M. M. Avgul, C. M. Dzhigit, A. V. Kiselev,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~LXXXIX~~ LXXXIX, No 1, 1953, pp 97-99.

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The Change in Composition of Binary Mixtures of Liquids During Combustion, by V. I. Blinov, 5 pp.

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Investigation of Gaseous Discharge During Stripping of High Polymer Film From Solid Backing, by V. V. Karasev, N. A. Krotova, B. V. Deryagin, 11 pp.

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SLA 60-10058

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OTS, Vol III, No 7

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Kukharenko, T. A.
ENIGE OPTISCHE EIGENSCHAPPEN VAN HUMINEZUREN UIT MINERALE KOLEN (Some optical properties of humic acids from coal). 8p. 8 refs. MTWL: 692. (Text in Dutch).
Order from OTS or ETC $1.55 61-17335

Trans. of Akademiya Nauk SSSR. Doklady, 1953, v. 89, p. 133-136.

DESCRIPTORS: *Coal, Acids, Optics.

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I. Kukharenko, T. A.
II. MTWL-692
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On the Problem of the Behavior of Mullite at Its Melting Point, by N. E. Filonenko, I. V. Lavrov.

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Brutcher Tr 3170

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Some Optical Properties of Humic Acids of Mineral Coals, by T. A. Kukharenko.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol. LXXXIX, No 1, 1953, pp 133-136.

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The Critical Content of Oxygen in Water for Fish at Various Temperatures According to Seasons, by T. I. Privol'nev, N. V. Koroleva, 3 pp.

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Sci Mus Lib Tr No 53/2291

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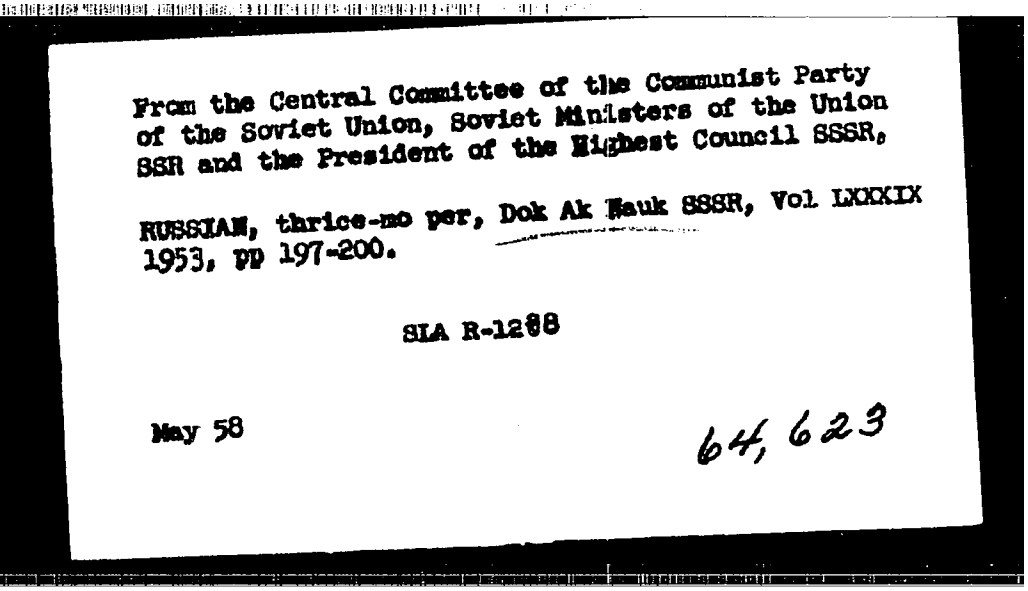

From the Central Committee of the Communist Party of the Soviet Union, Soviet Ministers of the Union SSR and the President of the Highest Council SSSR.

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SIA R-1288

May 58

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Khovanskiĭ, A. N.
ON THE DERIVATION OF THE FUNDAMENTAL EQUATIONS OF FILTRATION OF AN ELASTIC LIQUID IN AN ELASTIC POROUS MEDIUM. 8p.
MTWL: 731.
Order from OTS or ETC $1.55 61-17276

Trans. of Akademiya Nauk SSSR. Doklady, 1953, v. 89, no. 2, p. 241-244.

DESCRIPTORS: *Equations, Theory, *Porous filters, *Liquids, Elasticity.

61-17276

I. Khovanskiĭ, A.N.
II. MTWL-731
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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On the Infrared Sensitivity of Copper-Oxide Photocells, Prepared Under Reduced Pressure in the Field of a High-Frequency Induction Heater, by A. I. Andreyevsky, A. L. Rvachyov 3 pp

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIX, No 2, 1953, p 245-247

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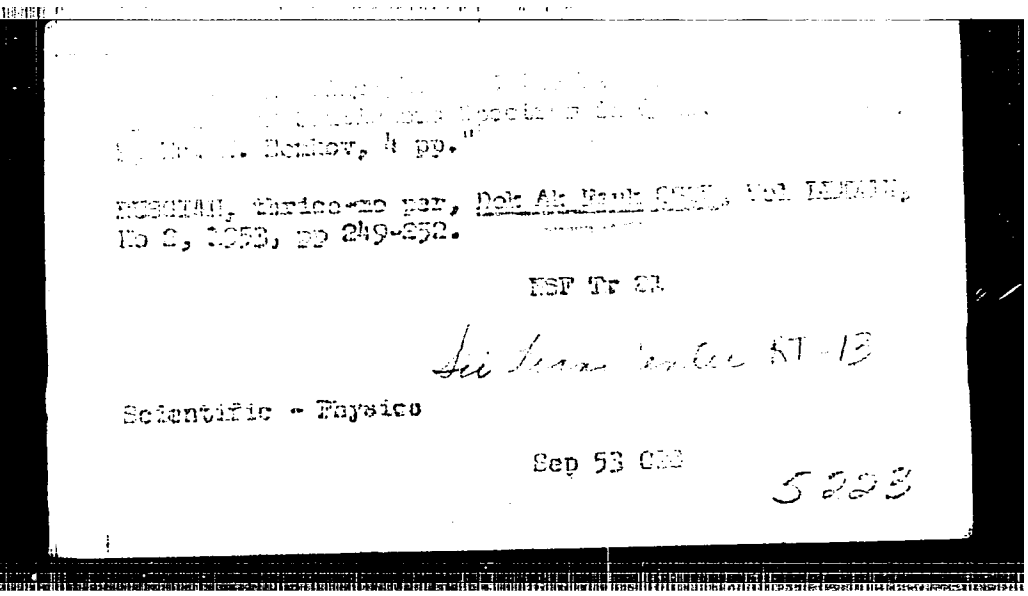

. . . Dokl, 4 pp."

. . . , Zhurnal eksp i teor fiz, Vol [illegible],
No 3, 1953, pp 249-252.

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On the Theory of Isotopic Displacement, by
D. Ivanenko, N. Kolesnikov, 4 pp.

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Discussion on the Connection Between Means of Regulation and the Theory of Molecules With Arbitrary Spin, by V. I. Karpman, 4pp

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIX, No 2, 1953, pp 257-261.

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Reflection Spectra of Ordinary and Devitrified Lead Glasses in the Infrared Field, by V A Florinskaya, 5 pp

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Application of High Frequency Sonic Waves to the Treatment of Plasma, by R. A. Rutberg.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIX, 1953, USSR, pp 265-267. CIA D 223139

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Question on Frontal Diffusion in Industrial Iron, by V. I. Arkharov, K. A. Yefremova, S. I. Ivanovskaya, A. K. Shtol'ts, B. A. Yunikov, 3 pp.

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Mutual Polishing of Different Crystals, by V. D. Kuznetsov, 4pp.

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The Nonhomogeneity of Auntenite, by I. A. Oding, N. G. Lozinskiy, 5pp

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Theory of the Closing-Up of Cracks in a Crystal and the Equilibrium Form of a Negative Crystal, by G. G. Lemmlein, 6 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol LXXXIX, No 2, 1953, pp 283-286.

JPRS-L-793-S

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[illegible] Thermodynamic Functions of Hydrates Which Are Used in Practice for Drying Gases and Hydrocarbons, by P. A. Akishin, V. N. Sokovnikov, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, SSSR, Vol LXXXIX, No 2, 11 Mar 1953, pp 287-289.

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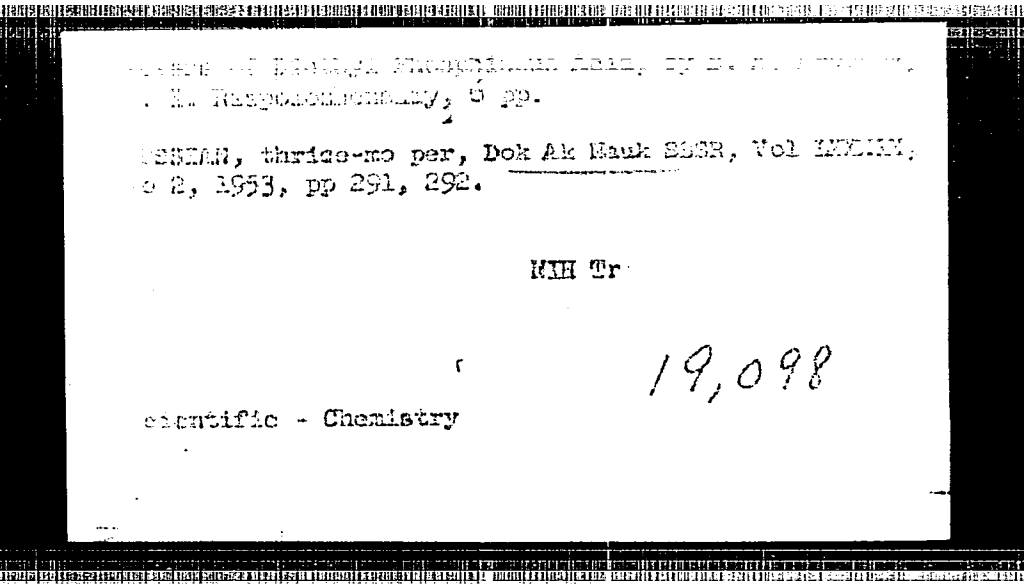

. . . Reagents], 5 pp.

[illegible], thrice-mo per, Dok Ak Nauk SSSR, Vol [illegible],
o 2, 1953, pp 291, 292.

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The Preparation and Polymerization of Some Unsaturated Phosphonates, by Gil'm Kamai, V. A. Kukhtin, 7 pp.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol LXXXIX, No 2, 1953, pp 309-312.

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Scientific - Chemistry 18,909

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Reactions of Olefins With Ammonia-Molybdena Catalyst With the Formation of Acetonitrile, by A. F. Plate, M. E. Vol'pin

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIX, 1953, pp 317-320.

Assoc Tech Sv, RJ-125

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Determination of Melting Points of Metals and Minerals at Extremely High Pressures, by V. P [illegible] et al.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIX, 1953, USSR, pp 317-320.

Assoc Tech Sv RJ-147

Sci - Minerals/Metals $5.40 ($0.75)

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Formation of Internal Centers as a Result of the Finishing Process of Photographic Emulsions, by K. V. Chibisov, I. M. Ratner, 8 pp. UNCLASSIFIED.

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A Study of the Effect of Pressure on Magnetic Saturation of Iron at the Temperature of Liquid Nitrogen, by F. Gal'perin, S. Larin, A. Shishkov, 4p

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Natl Sci Foundation Tr 36

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Gauss' Principle of Least Action, by I. Tsenov, 6 pp.

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The Elimination of Dependent Coordinates in the Theory of Vibration of Polyatomic Molecules, by L. S. Mayants, 4pp

RUSSIAN, thrice-mo per, DokAK Nauk SSSR, Vol LXXXIX, No 3 1953, p 423-426

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An Acoustic Study of the ΔE-Effect and the Damping of the Elastic Waves in Polycrystalline Nickel, by V. P. Sizov, 5pp

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIX, No 3, 1953, p 427-430

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Scientific - Physics

Jul 53 CTS/DEK

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Emission of Gamma Rays During Disintegration of π^--Meson, by G. V. Skornyakov, 4 pp

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Rotational Isomerism of 1, 2-Dichloroethane and 1, 2-Dibromoethane, by Yu. A. Pentin, Ya. S. Bobovich, D. B. Gurevich, V. M. Tatevskiy, 4pp

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIX, No 3, 1953, p 435-438

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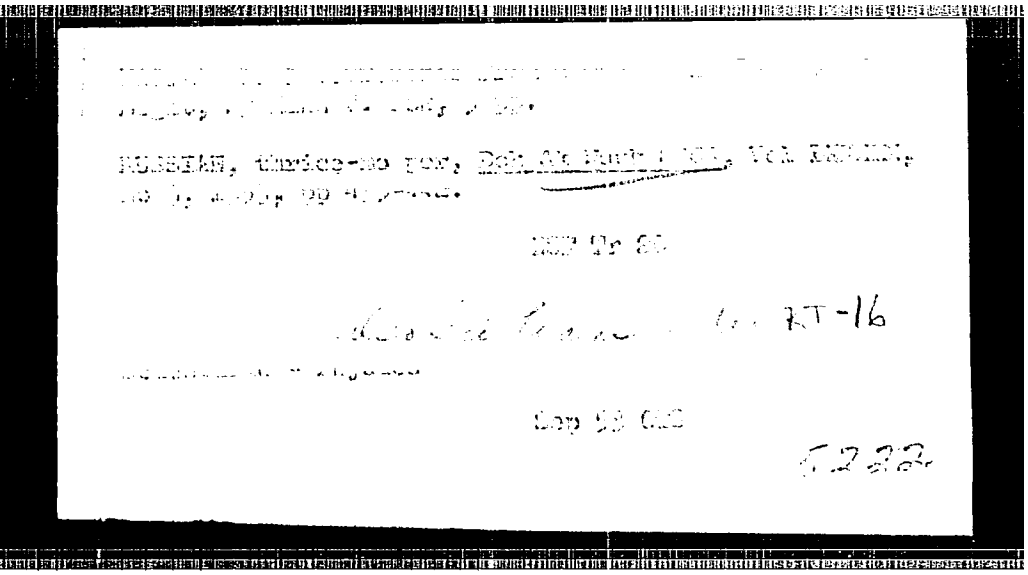

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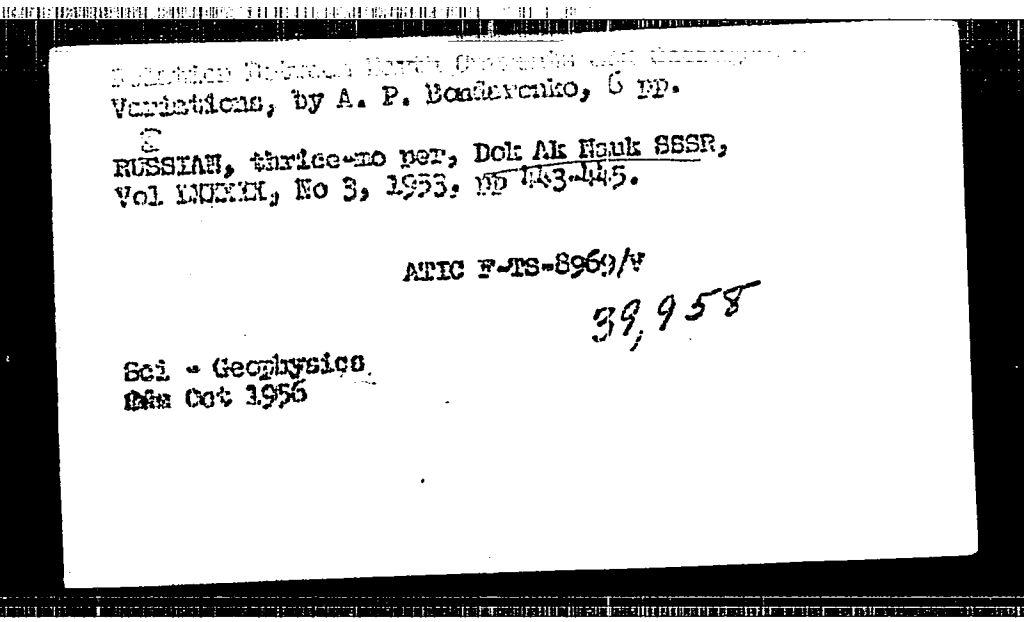

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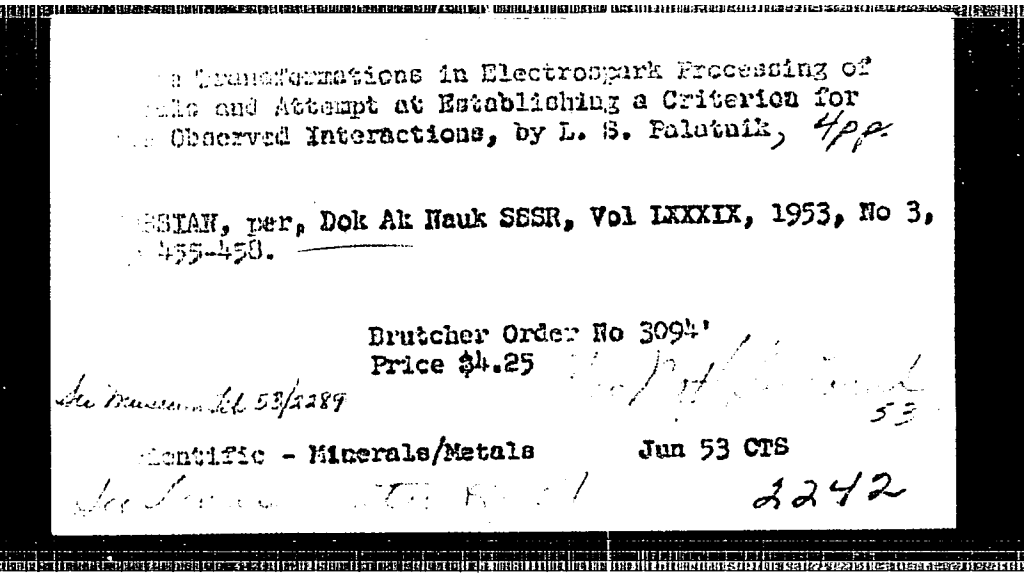

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